

# Ana Deletic

## List of Publications by Citations

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222  
papers

9,613  
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59  
h-index

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g-index

224  
ext. papers

11,117  
ext. citations

7  
avg. IF

6.64  
L-index

#	Paper	IF	Citations
222	Taking the "waste" out of "wastewater" for human water security and ecosystem sustainability. <i>Science</i> , <b>2012</b> , 337, 681-6	33.3	394
221	Nutrient and sediment removal by stormwater biofilters: a large-scale design optimisation study. <i>Water Research</i> , <b>2008</b> , 42, 3930-40	12.5	345
220	Hydrologic and pollutant removal performance of stormwater biofiltration systems at the field scale. <i>Journal of Hydrology</i> , <b>2009</b> , 365, 310-321	6	314
219	The first flush load of urban surface runoff. <i>Water Research</i> , <b>1998</b> , 32, 2462-2470	12.5	254
218	Variation among plant species in pollutant removal from stormwater in biofiltration systems. <i>Water Research</i> , <b>2008</b> , 42, 893-902	12.5	204
217	A critical review of integrated urban water modelling [Urban drainage and beyond]. <i>Environmental Modelling and Software</i> , <b>2014</b> , 54, 88-107	5.2	194
216	Hydraulic and pollutant removal performance of fine media stormwater filtration systems. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 2535-41	10.3	192
215	Highly dispersed TiO <sub>2</sub> nanocrystals and WO <sub>3</sub> nanorods on reduced graphene oxide: Z-scheme photocatalysis system for accelerated photocatalytic water disinfection. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 218, 163-173	21.8	187
214	Clogging of stormwater gravel infiltration systems and filters: insights from a laboratory study. <i>Water Research</i> , <b>2007</b> , 41, 1433-40	12.5	175
213	Interdisciplinarity: How to catalyse collaboration. <i>Nature</i> , <b>2015</b> , 525, 315-7	50.4	163
212	The influence of design parameters on clogging of stormwater biofilters: a large-scale column study. <i>Water Research</i> , <b>2012</b> , 46, 6743-52	12.5	149
211	Silver/Reduced Graphene Oxide Hydrogel as Novel Bactericidal Filter for Point-of-Use Water Disinfection. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 4344-4351	15.6	148
210	Comparison of different uncertainty techniques in urban stormwater quantity and quality modelling. <i>Water Research</i> , <b>2012</b> , 46, 2545-58	12.5	135
209	Highly dispersed TiO <sub>2</sub> nanocrystals and carbon dots on reduced graphene oxide: Ternary nanocomposites for accelerated photocatalytic water disinfection. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 202, 33-41	21.8	133
208	Pollution Buildup on Road Surfaces. <i>Journal of Environmental Engineering, ASCE</i> , <b>2005</b> , 131, 49-59	2	124
207	Performance of grass filters used for stormwater treatment – field and modelling study. <i>Journal of Hydrology</i> , <b>2006</b> , 317, 261-275	6	121
206	Achieving multiple benefits from stormwater harvesting. <i>Water Science and Technology</i> , <b>2007</b> , 55, 135-44.	4.2	116

205	Simultaneously Tuning Charge Separation and Oxygen Reduction Pathway on Graphitic Carbon Nitride by Polyethylenimine for Boosted Photocatalytic Hydrogen Peroxide Production. <i>ACS Catalysis</i> , <b>2020</b> , 10, 3697-3706	13.1	112
204	The enabling institutional context for integrated water management: lessons from Melbourne. <i>Water Research</i> , <b>2013</b> , 47, 7300-14	12.5	111
203	Treatment performance of gravel filter media: implications for design and application of stormwater infiltration systems. <i>Water Research</i> , <b>2007</b> , 41, 2513-24	12.5	103
202	Intra-event variability of <i>Escherichia coli</i> and total suspended solids in urban stormwater runoff. <i>Water Research</i> , <b>2012</b> , 46, 6661-70	12.5	98
201	Modelling of water and sediment transport over grassed areas. <i>Journal of Hydrology</i> , <b>2001</b> , 248, 168-1826		98
200	Influence of intermittent wetting and drying conditions on heavy metal removal by stormwater biofilters. <i>Water Research</i> , <b>2009</b> , 43, 4590-8	12.5	96
199	Impact of a submerged zone and a carbon source on heavy metal removal in stormwater biofilters. <i>Ecological Engineering</i> , <b>2009</b> , 35, 769-778	3.9	91
198	Predicting physical clogging of porous and permeable pavements. <i>Journal of Hydrology</i> , <b>2013</b> , 481, 48-556		90
197	Optimising nitrogen removal in existing stormwater biofilters: Benefits and tradeoffs of a retrofitted saturated zone. <i>Ecological Engineering</i> , <b>2013</b> , 51, 75-82	3.9	90
196	Plant traits that enhance pollutant removal from stormwater in biofiltration systems. <i>International Journal of Phytoremediation</i> , <b>2010</b> , 12, 34-53	3.9	88
195	Assessment of urban pluvial flood risk and efficiency of adaptation options through simulations: A new generation of urban planning tools. <i>Journal of Hydrology</i> , <b>2017</b> , 550, 355-367	6	84
194	Redefining the stormwater first flush phenomenon. <i>Water Research</i> , <b>2010</b> , 44, 2487-98	12.5	82
193	Laboratory study on stormwater biofiltration: Nutrient and sediment removal in cold temperatures. <i>Journal of Hydrology</i> , <b>2010</b> , 394, 507-514	6	79
192	Into the deep: Evaluation of SourceTracker for assessment of faecal contamination of coastal waters. <i>Water Research</i> , <b>2016</b> , 93, 242-253	12.5	78
191	Designing living walls for greywater treatment. <i>Water Research</i> , <b>2017</b> , 110, 218-232	12.5	77
190	Performance and sensitivity analysis of stormwater models using a Bayesian approach and long-term high resolution data. <i>Environmental Modelling and Software</i> , <b>2011</b> , 26, 1225-1239	5.2	77
189	Reuse of urban runoff in Australia: a review of recent advances and remaining challenges. <i>Journal of Environmental Quality</i> , <b>2008</b> , 37, S116-27	3.4	77
188	Hydraulic and pollutant removal performance of stormwater filters under variable wetting and drying regimes. <i>Water Science and Technology</i> , <b>2007</b> , 56, 11-9	2.2	77

187	Biofilter design for effective nitrogen removal from stormwater - influence of plant species, inflow hydrology and use of a saturated zone. <i>Water Science and Technology</i> , <b>2014</b> , 69, 1312-9	2.2	76
186	Integrated treatment and recycling of stormwater: a review of Australian practice. <i>Journal of Environmental Management</i> , <b>2006</b> , 79, 102-13	7.9	76
185	Hydraulic performance of biofilter systems for stormwater management: Influences of design and operation. <i>Journal of Hydrology</i> , <b>2009</b> , 376, 16-23	6	75
184	Assessing uncertainties in urban drainage models. <i>Physics and Chemistry of the Earth</i> , <b>2012</b> , 42-44, 3-10	3	74
183	Biofilters for stormwater harvesting: understanding the treatment performance of key metals that pose a risk for water use. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 5100-8	10.3	73
182	A rapid urban flood inundation and damage assessment model. <i>Journal of Hydrology</i> , <b>2018</b> , 564, 1085-1098		72
181	Temporary storage or permanent removal? The division of nitrogen between biotic assimilation and denitrification in stormwater biofiltration systems. <i>PLoS ONE</i> , <b>2014</b> , 9, e90890	3.7	72
180	Hydrologic impact of urbanization with extensive stormwater infiltration. <i>Journal of Hydrology</i> , <b>2017</b> , 544, 524-537	6	71
179	Uncertainties in stormwater E. coli levels. <i>Water Research</i> , <b>2008</b> , 42, 1812-24	12.5	71
178	Stormwater reuse: designing biofiltration systems for reliable treatment. <i>Water Science and Technology</i> , <b>2007</b> , 55, 201-9	2.2	71
177	Framing water sensitive urban design as part of the urban form: A critical review of tools for best planning practice. <i>Environmental Modelling and Software</i> , <b>2017</b> , 96, 265-282	5.2	70
176	Techniques for water and wastewater management: a review of techniques and their integration in planning. <i>Urban Water</i> , <b>2000</b> , 2, 197-221		70
175	Processes and Drivers of Nitrogen Removal in Stormwater Biofiltration. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2014</b> , 44, 796-846	11.1	67
174	Removal of <i>Clostridium perfringens</i> , <i>Escherichia coli</i> and F-RNA coliphages by stormwater biofilters. <i>Ecological Engineering</i> , <b>2012</b> , 49, 137-145	3.9	67
173	Urban stormwater harvesting [sensitivity of a storage behaviour model. <i>Environmental Modelling and Software</i> , <b>2008</b> , 23, 782-793	5.2	67
172	Sediment transport in urban runoff over grassed areas. <i>Journal of Hydrology</i> , <b>2005</b> , 301, 108-122	6	67
171	Diagnosing transformative change in urban water systems: Theories and frameworks. <i>Global Environmental Change</i> , <b>2013</b> , 23, 264-280	10.1	66
170	Modelling of storm wash-off of suspended solids from impervious surfaces. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , <b>1997</b> , 35, 99-118	1.9	65

169	E. coli removal in laboratory scale stormwater biofilters: Influence of vegetation and submerged zone. <i>Journal of Hydrology</i> , <b>2014</b> , 519, 814-822	6	64
168	The validation of stormwater biofilters for micropollutant removal using in situ challenge tests. <i>Ecological Engineering</i> , <b>2014</b> , 67, 1-10	3.9	64
167	New Insights into the Quality of Urban Storm Water in South Eastern Australia. <i>Journal of Environmental Engineering, ASCE</i> , <b>2010</b> , 136, 381-390	2	63
166	Pollutant removal performance of field-scale stormwater biofiltration systems. <i>Water Science and Technology</i> , <b>2009</b> , 59, 1567-76	2.2	61
165	Green walls for greywater reuse: Understanding the role of media on pollutant removal. <i>Ecological Engineering</i> , <b>2017</b> , 102, 625-635	3.9	60
164	Pesticide occurrence and spatio-temporal variability in urban run-off across Australia. <i>Water Research</i> , <b>2017</b> , 115, 245-255	12.5	59
163	Highly recoverable TiO <sub>2</sub> -GO nanocomposites for stormwater disinfection. <i>Water Research</i> , <b>2016</b> , 94, 363-370	12.5	56
162	Toxicity characterization of urban stormwater with bioanalytical tools. <i>Water Research</i> , <b>2013</b> , 47, 5594-606.5	6.5	55
161	Rainwater harvesting for urban flood management - An integrated modelling framework. <i>Water Research</i> , <b>2020</b> , 171, 115372	12.5	55
160	A sunlight-responsive metal-organic framework system for sustainable water desalination. <i>Nature Sustainability</i> , <b>2020</b> , 3, 1052-1058	22.1	53
159	A planning-support tool for spatial suitability assessment of green urban stormwater infrastructure. <i>Science of the Total Environment</i> , <b>2019</b> , 686, 856-868	10.2	50
158	Is stormwater harvesting beneficial to urban waterway environmental flows?. <i>Water Science and Technology</i> , <b>2007</b> , 55, 265-72	2.2	50
157	Impact of input data uncertainties on urban stormwater model parameters. <i>Water Science and Technology</i> , <b>2009</b> , 60, 1545-54	2.2	49
156	Escherichia coli in urban stormwater: explaining their variability. <i>Water Science and Technology</i> , <b>2007</b> , 56, 27-34	2.2	48
155	Assessment of clogging phenomena in granular filter media used for stormwater treatment. <i>Journal of Hydrology</i> , <b>2014</b> , 512, 518-527	6	46
154	Which species? A decision-support tool to guide plant selection in stormwater biofilters. <i>Advances in Water Resources</i> , <b>2018</b> , 113, 86-99	4.7	45
153	Sweating the assets - The role of instrumentation, control and automation in urban water systems. <i>Water Research</i> , <b>2019</b> , 155, 381-402	12.5	44
152	Evaluating Escherichia coli removal performance in stormwater biofilters: a laboratory-scale study. <i>Water Science and Technology</i> , <b>2012</b> , 66, 1132-8	2.2	44

151	Cooperatively modulating reactive oxygen species generation and bacteria-photocatalyst contact over graphitic carbon nitride by polyethylenimine for rapid water disinfection. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 274, 119095	21.8	43
150	Modelling transitions in urban water systems. <i>Water Research</i> , <b>2017</b> , 126, 501-514	12.5	42
149	Source tracking using microbial community fingerprints: Method comparison with hydrodynamic modelling. <i>Water Research</i> , <b>2017</b> , 109, 253-265	12.5	42
148	Filter media for stormwater treatment and recycling: the influence of hydraulic properties of flow on pollutant removal. <i>Water Science and Technology</i> , <b>2006</b> , 54, 263-71	2.2	37
147	Analysis of institutional work on innovation trajectories in water infrastructure systems of Melbourne, Australia. <i>Environmental Innovation and Societal Transitions</i> , <b>2015</b> , 15, 42-64	7.6	36
146	Removal of E. coli from urban stormwater using antimicrobial-modified filter media. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 271, 73-81	12.8	36
145	The influence of temperature on nutrient treatment efficiency in stormwater biofilter systems. <i>Water Science and Technology</i> , <b>2007</b> , 56, 83-91	2.2	36
144	Sustainable urban water futures in developing countries: the centralised, decentralised or hybrid dilemma. <i>Urban Water Journal</i> , <b>2015</b> , 12, 543-558	2.3	35
143	Development of a coupled pathogen-hydrologic catchment model. <i>Journal of Hydrology</i> , <b>2006</b> , 328, 467-480		35
142	Retention and survival of E. coli in stormwater biofilters: Role of vegetation, rhizosphere microorganisms and antimicrobial filter media. <i>Ecological Engineering</i> , <b>2017</b> , 102, 166-177	3.9	33
141	A Cellular Automata Fast Flood Evaluation (CA-FF) Model. <i>Water Resources Research</i> , <b>2019</b> , 55, 4936	5.4	33
140	What drives the location choice for water sensitive infrastructure in Melbourne, Australia?. <i>Landscape and Urban Planning</i> , <b>2018</b> , 175, 92-101	7.7	33
139	Escherichia coli removal in copper-zeolite-integrated stormwater biofilters: Effect of vegetation, operational time, intermittent drying weather. <i>Ecological Engineering</i> , <b>2016</b> , 90, 234-243	3.9	33
138	A new saturated/unsaturated model for stormwater infiltration systems. <i>Hydrological Processes</i> , <b>2008</b> , 22, 4838-4849	3.3	33
137	Accumulation of heavy metals in stormwater bioretention media: A field study of temporal and spatial variation. <i>Journal of Hydrology</i> , <b>2018</b> , 567, 721-731	6	32
136	Identifying heavy metal levels in historical flood water deposits using sediment cores. <i>Water Research</i> , <b>2016</b> , 105, 34-46	12.5	32
135	Revisiting land use classification and spatial aggregation for modelling integrated urban water systems. <i>Landscape and Urban Planning</i> , <b>2015</b> , 143, 43-55	7.7	31
134	Impacts of measured data uncertainty on urban stormwater models. <i>Journal of Hydrology</i> , <b>2014</b> , 508, 28-42	6	31

133	Assessment of Impact of Filter Design Variables on Clogging in Stormwater Filters. <i>Water Resources Management</i> , <b>2014</b> , 28, 1873-1885	3.7	31
132	A planning algorithm for quantifying decentralised water management opportunities in urban environments. <i>Water Science and Technology</i> , <b>2013</b> , 68, 1857-65	2.2	31
131	Modelling input of fine granular sediment into drainage systems via gully-pots. <i>Water Research</i> , <b>2000</b> , 34, 3836-3844	12.5	31
130	Evaluation of sustainable electron donors for nitrate removal in different water media. <i>Water Research</i> , <b>2015</b> , 85, 487-96	12.5	30
129	Stormwater quality models: performance and sensitivity analysis. <i>Water Science and Technology</i> , <b>2010</b> , 62, 837-43	2.2	30
128	Optimisation of lightweight green wall media for greywater treatment and reuse. <i>Building and Environment</i> , <b>2018</b> , 131, 99-107	6.5	29
127	Phosphorus Fate and Dynamics in Greywater Biofiltration Systems. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 2280-2287	10.3	28
126	Stormwater biofilter treatment model (MPiRe) for selected micro-pollutants. <i>Water Research</i> , <b>2016</b> , 89, 180-91	12.5	28
125	Modelling Interactions Between Lot-Scale Decentralised Water Infrastructure and Urban Form: A Case Study on Infiltration Systems. <i>Water Resources Management</i> , <b>2013</b> , 27, 4845-4863	3.7	28
124	Hydraulic performance of biofilters for stormwater management: first lessons from both laboratory and field studies. <i>Water Science and Technology</i> , <b>2007</b> , 56, 93-100	2.2	28
123	Many roads to Rome: The emergence of pathways from patterns of change through exploratory modelling of sustainability transitions. <i>Environmental Modelling and Software</i> , <b>2016</b> , 85, 279-292	5.2	27
122	Model output uncertainty of a coupled pathogen indicator hydrologic catchment model due to input data uncertainty. <i>Environmental Modelling and Software</i> , <b>2009</b> , 24, 322-328	5.2	27
121	Evaluating the reliability of stormwater treatment systems under various future climate conditions. <i>Journal of Hydrology</i> , <b>2019</b> , 568, 57-66	6	27
120	Escherichia coli concentrations and loads in an urbanised catchment: The Yarra River, Australia. <i>Journal of Hydrology</i> , <b>2013</b> , 497, 51-61	6	26
119	Retention of heavy metals by stormwater filtration systems: breakthrough analysis. <i>Water Science and Technology</i> , <b>2011</b> , 64, 1913-9	2.2	26
118	Modeling of sediment transport through stormwater gravel filters over their lifespan. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 8099-103	10.3	26
117	Designing green walls for greywater treatment: The role of plants and operational factors on nutrient removal. <i>Ecological Engineering</i> , <b>2019</b> , 130, 184-195	3.9	26
116	Assessment of the Impact of Stormwater Characteristics on Clogging in Stormwater Filters. <i>Water Resources Management</i> , <b>2015</b> , 29, 1031-1048	3.7	25

115	Stable copper-zeolite filter media for bacteria removal in stormwater. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 273, 222-30	12.8	25
114	Dual-mode stormwater-greywater biofilters: The impact of alternating water sources on treatment performance. <i>Water Research</i> , <b>2019</b> , 159, 521-537	12.5	24
113	Modelling of stormwater biofilters under random hydrologic variability: a case study of a car park at Monash University, Victoria (Australia). <i>Hydrological Processes</i> , <b>2012</b> , 26, 3416-3424	3.3	24
112	Modelling wet weather sediment removal by stormwater constructed wetlands: Insights from a laboratory study. <i>Journal of Hydrology</i> , <b>2007</b> , 338, 285-296	6	24
111	Biofiltration for stormwater harvesting: Comparison of <i>Campylobacter</i> spp. and <i>Escherichia coli</i> removal under normal and challenging operational conditions. <i>Journal of Hydrology</i> , <b>2016</b> , 537, 248-259 <sup>6</sup>	6	24
110	Predicting long term removal of heavy metals from porous pavements for stormwater treatment. <i>Water Research</i> , <b>2018</b> , 142, 236-245	12.5	23
109	Assessment of sampling strategies for estimation of site mean concentrations of stormwater pollutants. <i>Water Research</i> , <b>2018</b> , 129, 297-304	12.5	22
108	Stormwater pollutant runoff: A stochastic approach. <i>Advances in Water Resources</i> , <b>2014</b> , 74, 148-155	4.7	22
107	Analysis of parameter uncertainty of a flow and quality stormwater model. <i>Water Science and Technology</i> , <b>2009</b> , 60, 717-25	2.2	22
106	Environmental monitoring of waterborne <i>Campylobacter</i> : evaluation of the Australian standard and a hybrid extraction-free MPN-PCR method. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 74	5.7	21
105	Modelling characteristics of the urban form to support water systems planning. <i>Environmental Modelling and Software</i> , <b>2018</b> , 104, 249-269	5.2	21
104	Stormwater disinfection using electrochemical oxidation: A feasibility investigation. <i>Water Research</i> , <b>2018</b> , 140, 301-310	12.5	21
103	Building effective Planning Support Systems for green urban water infrastructure Practitioners' perceptions. <i>Environmental Science and Policy</i> , <b>2018</b> , 89, 153-162	6.2	21
102	Towards water sensitive cities in Asia: an interdisciplinary journey. <i>Water Science and Technology</i> , <b>2017</b> , 76, 1150-1157	2.2	21
101	Evaluation of Techniques for Measuring Microbial Hazards in Bathing Waters: A Comparative Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155848	3.7	21
100	An in situ assembled WO-TiO vertical heterojunction for enhanced Z-scheme photocatalytic activity. <i>Nanoscale</i> , <b>2020</b> , 12, 8775-8784	7.7	20
99	Ultrathin titanium oxide nanosheets film with memory bactericidal activity. <i>Nanoscale</i> , <b>2016</b> , 8, 18050-18056	7.6	20
98	Green wall height and design optimisation for effective greywater pollution treatment and reuse. <i>Journal of Environmental Management</i> , <b>2020</b> , 261, 110173	7.9	19



97	Greenhouse gas emissions from integrated urban drainage systems: Where do we stand?. <i>Journal of Hydrology</i> , <b>2018</b> , 559, 307-314	6	19
96	Modeling integrated urban water systems in developing countries: case study of Port Vila, Vanuatu. <i>Ambio</i> , <b>2014</b> , 43, 1093-111	6.5	19
95	Survival of Escherichia coli in stormwater biofilters. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 5391-401	5.1	19
94	Effective treatment of greywater via green wall biofiltration and electrochemical disinfection. <i>Water Research</i> , <b>2020</b> , 185, 116228	12.5	19
93	Modelling urban water management transitions: A case of rainwater harvesting. <i>Environmental Modelling and Software</i> , <b>2018</b> , 105, 270-285	5.2	19
92	Understanding spatiotemporal variability of in-stream water quality in urban environments - A case study of Melbourne, Australia. <i>Journal of Environmental Management</i> , <b>2019</b> , 246, 203-213	7.9	18
91	Surrogates for herbicide removal in stormwater biofilters. <i>Water Research</i> , <b>2015</b> , 81, 64-71	12.5	18
90	A Diagnostic Procedure for Transformative Change Based on Transitions, Resilience, and Institutional Thinking. <i>Ecology and Society</i> , <b>2013</b> , 18,	4.1	18
89	Development and testing of a model for Micro-Organism Prediction in Urban Stormwater (MOPUS). <i>Journal of Hydrology</i> , <b>2011</b> , 409, 236-247	6	18
88	A possible mechanism for soil moisture bimodality in humid-land environments. <i>Geophysical Research Letters</i> , <b>2009</b> , 36, n/a-n/a	4.9	18
87	Quantifying the benefits of stormwater harvesting for pollution mitigation. <i>Water Research</i> , <b>2020</b> , 171, 115395	12.5	18
86	Simulating flood risk under non-stationary climate and urban development conditions □ Experimental setup for multiple hazards and a variety of scenarios. <i>Environmental Modelling and Software</i> , <b>2018</b> , 102, 155-171	5.2	17
85	Real time control of biofilters delivers stormwater suitable for harvesting and reuse. <i>Water Research</i> , <b>2020</b> , 169, 115257	12.5	17
84	A spatial planning-support system for generating decentralised urban stormwater management schemes. <i>Science of the Total Environment</i> , <b>2020</b> , 726, 138282	10.2	17
83	Integrated modelling of stormwater treatment systems uptake. <i>Water Research</i> , <b>2018</b> , 142, 301-312	12.5	17
82	Can we model the implementation of water sensitive urban design in evolving cities?. <i>Water Science and Technology</i> , <b>2015</b> , 71, 149-56	2.2	16
81	Modelling cities and water infrastructure dynamics. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , <b>2013</b> , 166, 301-308	0.9	16
80	Current Stormwater Harvesting Guidelines Are Inadequate for Mitigating Risk from Campylobacter During Nonpotable Reuse Activities. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 12498-12507	10.3	15

79	Assessing water retention and correlation to climate conditions of five plant species in greywater treating green walls. <i>Water Research</i> , <b>2019</b> , 167, 115092	12.5	15
78	Performance of eniviss stormwater filters: results of a laboratory trial. <i>Water Science and Technology</i> , <b>2012</b> , 66, 719-27	2.2	15
77	Sediment behaviour in grass filter strips. <i>Water Science and Technology</i> , <b>1999</b> , 39, 129	2.2	15
76	The impact of stormwater biofilter design and operational variables on nutrient removal - a statistical modelling approach. <i>Water Research</i> , <b>2021</b> , 188, 116486	12.5	15
75	Seasonal operation of dual-mode biofilters: The influence of plant species on stormwater and greywater treatment. <i>Science of the Total Environment</i> , <b>2020</b> , 715, 136680	10.2	14
74	Electrochemical oxidation disinfects urban stormwater: Major disinfection mechanisms and longevity tests. <i>Science of the Total Environment</i> , <b>2019</b> , 646, 1440-1447	10.2	14
73	Constructing ultrathin film with "memory" photocatalytic activity from monolayered tungstate nanodots. <i>Chemical Communications</i> , <b>2016</b> , 52, 6985-8	5.8	14
72	A two-dimensional model of hydraulic performance of stormwater infiltration systems. <i>Hydrological Processes</i> , <b>2013</b> , 27, 2785-2799	3.3	13
71	Stormwater Biofilters as Barriers against Campylobacter jejuni, Cryptosporidium Oocysts and Adenoviruses; Results from a Laboratory Trial. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 949	3	13
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